

ABSTRACT

The deposit conveyance mechanism is capable of effectively conveying deposits.

The mechanism comprises: a conveying tube 10 having a suction port 12, a vertical tube part 13, a horizontal tube part 14 horizontally extending sideward, the horizontal tube part 14 being held in the water so as to locate below a hydraulic gradient line and vertically moved so as to move the suction port 12 close to and away from the bottom face of the water storing place, by an elevating unit 38, in a prescribed cycle; a cup-shaped member 60 provided to the suction port 12 of the conveying tube 10, the cup-shaped member having a lower part in which the suction port 12 is capable of moving upward and downward; a steam supplying section 73 supplying steam into the cup-shaped member 60; and a compressed gas supplying section 74 supplying a compressed gas into the cup-shaped member 60.